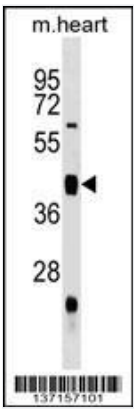
UHMK1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Uhmk1, Polyclonal Antibody
Full Product Name	Uhmk1, NT (Uhmk1, Kis, Kist, Serine/threonine-protein kinase Kist, Kinase interacting with stathmin, U2AF homology motif kinase 1) (APC)
Product Gene Name	anti-Uhmk1 antibody
Product Synonym Names	Uhmk1; Kis; Kist; Serine/threonine-protein kinase Kist; Kinase interacting with stathmin; U2AF homology motif kinase 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	46,489 Da
3D Structure	ModBase 3D Structure for P97343
Immunogen	Mouse Uhmk1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Mouse Uhmk1.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-Uhmk1 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-Uhmk1 antibody	Western Blot (WB), FLISA
Application Notes for anti-Uhmk1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Uhmk1 antibody	Upon serum stimulation, phosphorylates CDKN1B/p27Kip1, thus controlling CDKN1B subcellular location and cell cycle progression in G1 phase. May be involved in trafficking and/or processing of RNA (By similarity).
Product References and Citations for anti-Uhmk1 antibody	Francone, V.P., et al. Mol. Endocrinol. 24(8):1543-1558(2010). Cambray, S., et al. Mol. Cell. Biol. 29(3):726-735(2009). Langenickel, T.H., et al. J. Clin. Invest. 118(12):3848-3859(2008). McKee, A.E., et al. BMC Dev. Biol. 5, 14 (2005): Cobellis, G., et al. Nucleic Acids Res. 33 (4), E44 (2005).
Other Notes	Small volumes of anti-Uhmk1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for Uhmk1 purchase	MBS6361246 is an antibody targeting Uhmk1. Also known as Uhmk1, NT (Uhmk1, Kis, Kist, Serine/threonine-protein kinase Kist, Kinase interacting with stathmin, U2AF homology motif kinase 1) (APC). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-Uhmk1 antibody
Mouse Uhmk1 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the Uhmk1 antibody detected the Uhmk1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Uhmk1. It may not necessarily be applicable to this product.

NCBI GI #	40254330
NCBI GeneID	16589
NCBI Accession #	NP_034763.3
UniProt Primary Accession #	P97343
UniProt Secondary Accession #	Q61775; Q9CYT1
UniProt Related Accession #	P97343
GenBank Nucleotide #	NM_010633.3
NCBI Official Full Name	serine/threonine-protein kinase Kist
NCBI Official Synonym Full Names	U2AF homology motif (UHM) kinase 1
NCBI Official Symbol	Uhmk1
NCBI Official Synonym Symbols	KIS; Kist; P-CIP2; AA673513; AI449218; AU021979; 4732477C12Rik; 4930500M09Rik
UniProt Protein Name	Serine/threonine-protein kinase Kist
UniProt Synonym Protein Names	Kinase interacting with stathmin; PAM COOH-terminal interactor protein 2; P-CIP2; U2AF homology motif kinase 1
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	Uhmk1
UniProt Synonym Gene Names	Kis; Kist; P-CIP2
UniProt Entry Name	UHMK1_MOUSE
NCBI Protein Information	serine/threonine-protein kinase Kist; U2AF homology motif kinase 1; kinase interacting with stathmin; PAM COOH-terminal interactor protein 2; kinase interacting with leukemia-associated gene (stathmin)
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